

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	2	("6658590").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/30 15:40
L8	0	7 and (anit\$thrash\$4 or thrash\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/30 15:40
S1	0	(redundant near3 storage) with failover	USPAT	OR	ON	2003/09/25 12:06
S2	37	(redundant near3 storage) and failover	USPAT	OR	ON	2003/09/26 16:40
S3	128	(redundant near3 storage) with (fail\$5)	USPAT	OR	ON	2003/09/25 14:40
S4	31	((redundant near3 storage) with (fail\$5)) and adapter	USPAT	OR	ON	2005/05/24 15:36
S5	22	((redundant near3 storage) and failover) and adapter	USPAT	OR	ON	2004/02/24 12:19
S6	6	((redundant near3 storage) and failover) and adapter) and standby	USPAT	OR	ON	2003/09/25 12:09
S7	4	((redundant near3 storage) and failover) and adapter) and (standby with fail\$5)	USPAT	OR	ON	2003/09/25 12:10
S8	31	(standby with controller with fail\$5) and (active with controller with fail\$5)	USPAT	OR	ON	2003/09/26 09:05
S9	0	((standby with controller with fail\$5) and (active with controller with fail\$5)) and (standby with path with fail\$5) and (active with path with fail\$5)	USPAT	OR	ON	2003/09/25 12:12
S10	17	(standby with path with fail\$5) and (active with path with fail\$5)	USPAT	OR	ON	2003/09/25 13:09
S11	46	((standby or inactive) with controller with fail\$5) and (active with controller with fail\$5)	USPAT	OR	ON	2003/09/25 14:40
S12	93	((standby or inactive) with (path or channel or link) with fail\$5) and (active with (path or channel or link) with fail\$5)	USPAT	OR	ON	2003/09/25 13:09

S13	7	((standby or inactive) with controller with fail\$5) and (active with controller with fail\$5)) and ((standby or inactive) with (path or channel or link) with fail\$5) and (active with (path or channel or link) with fail\$5))	USPAT	OR	ON	2003/09/25 14:39
S14	1	((standby or inactive) with controller with fail\$5) and (active with controller with fail\$5)) and ((standby or inactive) with (path or channel or link) with fail\$5) and (active with (path or channel or link) with fail\$5))) and adapter and redundant	USPAT	OR	ON	2003/09/25 14:23
S15	1963	host near3 adapter	USPAT	OR	ON	2003/09/25 14:36
S16	16	(host near3 adapter) with (detect\$4 or determ\$4) with (fail\$6)	USPAT	OR	ON	2003/09/25 16:50
S17	446	(host near3 adapter) and redundant	USPAT	OR	ON	2003/09/25 14:27
S18	184	((host near3 adapter) and redundant) and ((detect\$4 or determ\$4 or discover\$4) with (fail\$6))	USPAT	OR	ON	2003/09/25 14:29
S19	10	((host near3 adapter) and redundant) and ((host near3 adapter) with (detect\$4 or determ\$4 or discover\$4) with (fail\$6))	USPAT	OR	ON	2003/09/25 14:34
S20	2	(("6370605") or ("6338110")).PN.	USPAT; USOCR	OR	OFF	2003/09/25 14:35
S21	58	(host near3 adapter) with fail\$5	USPAT	OR	ON	2003/09/25 14:36
S22	0	((host near3 adapter) with fail\$5) and ((standby or inactive) with controller with fail\$5) and (active with controller with fail\$5)	USPAT	OR	ON	2003/09/25 14:36
S23	1	((host near3 adapter) with fail\$5) and ((standby or inactive) with controller) and (active with controller )	USPAT	OR	ON	2003/09/25 15:13
S24	533	(RAID) with (fail\$5)	USPAT	OR	ON	2003/09/25 14:40
S25	14	((RAID) with (fail\$5)) and ((standby or inactive) with controller with fail\$5) and (active with controller with fail\$5))	USPAT	OR	ON	2003/09/25 14:41

S26	2	(((RAID) with (fail\$5)) and (((standby or inactive) with controller with fail\$5) and (active with controller with fail\$5))) and (((standby or inactive) with (path or channel or link) with fail\$5) and (active with (path or channel or link) with fail\$5))	USPAT	OR	ON	2003/09/25 14:51
S27	2	(((RAID) with (fail\$5)) and (((standby or inactive) with controller with fail\$5) and (active with controller with fail\$5))) and (((standby or inactive) with (path or channel or link) with fail\$5) and (active with (path or channel or link) with fail\$5))) and host	USPAT	OR	ON	2003/09/25 14:51
S28	3385	host near3 server	USPAT	OR	ON	2003/09/25 15:09
S29	0	(host near3 server) with (host near3 bus near3 adapter) with fail\$4	USPAT	OR	ON	2003/09/25 15:11
S30	7	(host near3 server) with (host near3 bus near3 adapter)	USPAT	OR	ON	2003/09/25 15:10
S31	647	(host near3 bus near3 adapter)	USPAT	OR	ON	2003/09/25 15:31
S32	0	(Intelligent with (host near3 bus near3 adapter) ) with fail\$4	USPAT	OR	ON	2003/09/25 15:12
S33	3	((host near3 bus near3 adapter) ) with fail\$4	USPAT	OR	ON	2003/09/25 15:12
S34	15	((host near3 bus near3 adapter) ) and ((standby or inactive) with controller) and (active with controller )	USPAT	OR	ON	2003/09/25 15:14
S35	20	Intelligent with (host near3 bus near3 adapter)	USPAT	OR	ON	2003/09/25 16:38
S36	3	(host near3 bus near3 adapter) with (fail\$4 or malfunction)	USPAT	OR	ON	2003/09/25 15:32
S37	0	(host near3 bus near3 adapter) with (breakdown or break)	USPAT	OR	ON	2003/09/25 15:33
S38	6	(US-5740397-\$ or US-6219753-\$ or US-5987621-\$ or US-6578100-\$ or US-6578158-\$ or US-6282584-\$).did.	USPAT	OR	OFF	2003/09/25 15:34
S39	2	((host near2 bus near2 adapter) or HBA or (host near3 adapter)) with (failover or failback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/25 16:27
S40	438	failover or failback	USPAT	OR	ON	2003/09/25 16:27

S41	66	Intelligent with ((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA)	USPAT	OR	ON	2003/09/25 17:23
S42	0	(Intelligent with ((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA)) with (failover or failback or fail\$4)	USPAT	OR	ON	2003/09/25 16:39
S43	2	(Intelligent with ((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA)) same (failover or failback or fail\$4)	USPAT	OR	ON	2003/09/26 12:31
S44	4	smart with ((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA)	USPAT	OR	ON	2003/09/25 16:48
S45	2	(smart with ((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA)) and fail\$4	USPAT	OR	ON	2003/09/25 16:48
S46	1	(host near3 adapter) with (Monitor\$4) with (fail\$6)	USPAT	OR	ON	2004/02/23 13:40
S47	354	710/15.ccls.	USPAT	OR	ON	2003/09/25 17:04
S48	148	710/15.ccls. and fail\$4	USPAT	OR	ON	2003/09/25 17:04
S49	8	((Intelligent or smart) with bridge) with fail\$4	USPAT	OR	ON	2003/09/25 17:27
S50	5	(failover or (fail near over)) with firmware	USPAT	OR	ON	2003/09/26 09:27
S51	80	(failover or (fail near over)) with (software or programm)	USPAT	OR	ON	2003/09/26 11:59
S52	1	(RDAC or (redundant near dual near active near control)) with adapter	USPAT	OR	ON	2003/09/26 12:00
S53	47	RDAC or (redundant near dual near active near control)	USPAT	OR	ON	2003/09/26 12:00
S54	260	((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA) with (software or firmware or programma\$3)	USPAT	OR	ON	2003/09/26 12:32
S55	106	((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA) near3 (software or firmware or programma\$3)	USPAT	OR	ON	2003/09/26 12:41
S56	37	((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA) near3 (firmware)	USPAT	OR	ON	2003/09/26 12:36
S57	19	((((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA) near3 (firmware) ) and fail\$4	USPAT	OR	ON	2003/09/26 12:36

S58	2	((host near3 bus near3 adapter) or HBA or (host near2 adapter) or HA) near3 (software or firmware or programma\$3) ) near5 fail\$4	USPAT	OR	ON	2003/09/26 16:08
S59	1	"6601187".pn.	USPAT	OR	ON	2003/09/26 16:41
S60	1	"6601187".pn. and load	USPAT	OR	ON	2003/09/26 16:46
S61	0	"6601187".pn. and thrash\$3	USPAT	OR	ON	2003/09/26 16:49
S62	1	"6601187".pn. and interval\$3	USPAT	OR	ON	2003/09/26 16:53
S63	0	"6601187".pn. and 3\$interval\$3	USPAT	OR	ON	2003/09/26 16:49
S64	0	"6601187".pn. and 3\$thrash\$3	USPAT	OR	ON	2003/09/26 16:50
S65	1272	(heartbeat or health) with fail\$4	USPAT	OR	ON	2003/09/26 16:54
S66	4	anti-thrash\$3 or antithrash\$3 or (anti near thrash\$3)	USPAT	OR	ON	2003/09/26 17:11
S67	1	"6601187".pn. and redundan\$3	USPAT	OR	ON	2003/09/26 17:11
S68	200	((host near bus near2 adapter) or (bus near2 adapter) or (channel near2 adapter) or HBA or HA) with (fail\$6)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 10:46
S69	2	("5335352").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/23 15:58
S70	10	(Monitor\$4 or determin\$4) with ((host near bus near2 adapter) or (bus near2 adapter) or (channel near2 adapter) or HBA or HA) with (fail\$6)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 10:42
S71	786	710/305.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 10:42
S72	193	710/305.ccls. and (fail\$6)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 10:42
S73	491	((host near bus near2 interface) or (bus near2 interface) or (channel near2 interface) or HBA or HA) with (fail\$6)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 10:47
S74	347	((host near bus near2 interface) or (bus near2 interface) or (channel near2 interface)) with (fail\$6)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 10:50



S75	6	710/305.ccls. and (((host near bus near2 interface) or (bus near2 interface) or (channel near2 interface)) with (fail\$6))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 10:48
S76	49	(((host near bus near2 interface) or (bus near2 interface) or (channel near2 interface)) with (fail\$6)) with (Monitor\$4 or determin\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 11:50
S77	4	((("6370605") or ("6338110")).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/24 11:50
S78	3	(((("6370605") or ("6338110")).PN.) and (fail\$6)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/24 11:51
S80	1	((("5944838").PN.) and (intelligent)	USPAT	OR	ON	2004/02/25 12:37
S87	1	("5944838").PN.	USPAT; USOCR	OR	OFF	2005/05/18 12:12
S88	1169	fail\$6 with adapter	USPAT	OR	ON	2005/05/24 15:37
S89	542	S88 and bus	USPAT	OR	ON	2005/05/24 15:37
S91	13	((("6606683") or ("6151641") or ("5659718") or ("5142683") or ("6115803") or ("5675807")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/25 10:11
S92	6	S91 and (fault or fail\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 10:13
S93	1169	fail\$6 with adapter	USPAT	OR	ON	2005/05/25 15:21
S94	542	S93 and bus	USPAT	OR	ON	2005/05/25 15:20
S95	333	S94 and host	USPAT	OR	ON	2005/05/25 15:20
S96	118	fail\$6 with adapter with host	USPAT	OR	ON	2005/05/25 15:21
S97	27	host with bus with adapter with fail\$6	USPAT	OR	ON	2005/05/27 13:46
S98	27	(host with bus with adapter with fail\$7) and fail\$7	USPAT	OR	ON	2005/05/25 15:38
S99	4	host with bus with adapter with fault\$6	USPAT	OR	ON	2005/05/25 15:46
S100	57	(bus near3 adapter) with (fail\$6 or fault\$6)	USPAT	OR	ON	2005/05/27 15:12
S101	106	(host near3 adapter) with (fail\$6 or fault\$6)	USPAT	OR	ON	2005/05/27 15:23

S10 2	8	S100 with (detect\$4 or determin\$4)	USPAT	OR	ON	2005/05/27 14:11
S10 3	23	S101 with (detect\$4 or determin\$4)	USPAT	OR	ON	2005/05/27 14:13
S10 4	33	("4158235"   "4300194"   "4417334"   "4453215"   "4486826"   "4490785"   "4636946"   "4695952"   "4754397"   "4785453"   "5037310"   "5089958"   "5093826"   "5123099"   "5148432"   "5155835"   "5206939"   "5224213"   "5237567"   "5247618"   "5283879"   "5335352"   "5337414"   "5345566"   "5388215"   "5430855"   "5459856"   "5471586"   "5495585"   "5625777"   "5630056"   "5708784"   "6012019").PN. OR ("6578100"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/27 14:15
S10 5	31	(bus near3 adapter) with (error) with (detect\$4 or determin\$4 or discover\$4)	USPAT	OR	ON	2005/05/27 15:24
S10 6	1	(host near3 bus near3 adapter) with (error) with (detect\$4 or determin\$4 or discover\$4)	USPAT	OR	ON	2005/05/28 12:39
S10 7	36	(host near3 adapter) with (error) with (detect\$4 or determin\$4 or discover\$4)	USPAT	OR	ON	2005/05/27 15:13
S10 8	0	S107 and S105	USPAT	OR	ON	2005/05/27 15:13
S10 9	29	HBA\$2 with (fail\$6 or fault\$6 or error)	USPAT	OR	ON	2005/05/27 15:23
S11 0	8	S109 with (detect\$4 or determin\$4 or discover\$4)	USPAT	OR	ON	2005/05/28 16:32
S11 1	280	(NIC or (network near2 interface near2 card) or (network near2 interface)) with (fail\$6 or fault\$6 or error) with (detect\$4 or determin\$4 or discover\$4)	USPAT	OR	ON	2005/05/28 12:43
S11 2	15	S111 and RAID	USPAT	OR	ON	2005/05/27 16:31
S11 3	12	((host near3 bus near3 adapter) or HBA\$2) with (firmware)	USPAT	OR	ON	2005/05/28 12:39
S11 4	12	S113 and (fail\$6 or fault\$6 or error)	USPAT	OR	ON	2005/05/28 13:13

S11 5	247	(host near3 (adapter or interface)) with (detect\$4 or determin\$4 or discover\$4) with (fail\$6 or fault\$6 or error)	USPAT	OR	ON	2005/05/28 16:34
S11 6	115	(host near3 (adapter or interface)) near7 (detect\$4 or determin\$4 or discover\$4) near7 (fail\$6 or fault\$6 or error)	USPAT	OR	ON	2005/05/28 16:42
S11 7	5	((host) near3 (adapter or interface)) near7 heart\$beat	USPAT	OR	ON	2005/05/28 17:04
S11 8	170	(network near3 (adapter or interface)) near7 (detect\$4 or determin\$4 or discover\$4) near7 (fail\$6 or fault\$6 or error)	USPAT	OR	ON	2005/05/28 17:02
S11 9	2	("5274645").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/28 16:51
S12 0	7	("5544347"   "5734818"   "5771344"   "6065018"   "6167531"   "6199074"   "6308284").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/28 17:00
S12 1	3	S118 and RAID	USPAT	OR	ON	2005/05/28 17:02
S12 2	2	((network) near3 (adapter or interface)) with heart\$beat) and RAID	USPAT	OR	ON	2005/05/28 17:26
S12 3	2	("6658590").URPN.	USPAT	OR	ON	2005/05/28 17:05
S12 4	21	((network) near3 (adapter or interface)) with heart\$beat)	USPAT	OR	ON	2005/05/28 17:26
S12 5	25	((network near3 (adapter or interface)) or NIC) with heart\$beat	USPAT	OR	ON	2005/05/28 17:31
S12 6	278	((network near3 (adapter or interface)) or NIC) with (heart\$beat or pulse)	USPAT	OR	ON	2005/05/28 17:27
S12 7	13	S118 and S126	USPAT	OR	ON	2005/05/28 17:28
S12 8	329	((network near3 (adapter or interface)) or NIC) near5 (fail\$6)	USPAT	OR	ON	2005/05/28 17:42
S12 9	10	S127 and S128	USPAT	OR	ON	2005/05/28 17:39
S13 0	265	(adapter or interface) near5 (send\$4 or initiat\$4) near5 (heart\$beat or pulse)	USPAT	OR	ON	2005/05/28 17:40



S13 1	67	(adapter or interface) near5 (initiat\$4) near5 (heart\$beat or pulse)	USPAT	OR	ON	2005/05/28 17:40
S13 2	12	S131 and host	USPAT	OR	ON	2005/05/28 17:41
S13 3	13	((network near3 (adapter or interface)) or NIC) near5 (heart\$beat)	USPAT	OR	ON	2005/05/28 17:48
S13 4	4	(host near3 (adapter or interface or bord)) near5 (heart\$beat)	USPAT	OR	ON	2005/05/30 13:24
S13 5	0	(HBA or HAB) near5 (heart\$beat)	USPAT	OR	ON	2005/05/28 17:54
S13 6	0	(HBA or HAB) with (heart\$beat)	USPAT	OR	ON	2005/05/28 17:54
S13 7	0	(HBA\$ or HAB\$) with (heart\$beat)	USPAT	OR	ON	2005/05/28 17:54
S13 8	2	("5790775").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/30 13:16